

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112321AL\
 Data File : FC057060.D
 Signal(s) : FID1A.CH
 Acq On : 24 Nov 2021 12:53
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 11/24/2021
 Supervised By :mohammad ahmed 11/24/2021

Integration File: autoint1.e
 Quant Time: Nov 24 13:21:11 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111921.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 19 00:52:49 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.594	2284184	19.683 ug/ml
Spiked Amount 50.000		Recovery =	39.37%
12) S 1-chlorooctadecane (S...	13.026	1769274	19.435 ug/ml
Spiked Amount 50.000		Recovery =	38.87%
Target Compounds			
1) T n-Nonane (C9)	3.359	2077228	20.499 ug/ml
2) T n-Decane (C10)	4.425	2095955	20.930 ug/ml
3) T A~Naphthalene (C11.7)	6.014	2331786	20.883 ug/ml
4) T n-Dodecane (C12)	6.442	2133005	21.037 ug/ml
5) T A~2-methylnaphthalene...	7.070	2353061	21.341 ug/ml
6) T n-Tetradecane (C14)	8.235	2139856	21.120 ug/ml
7) T n-Hexadecane (C16)	9.834	2135696	20.812 ug/ml
8) T n-Octadecane (C18)	11.275	2186354	20.407 ug/ml
10) T n-Eicosane (C20)	12.581	2126307	19.880 ug/ml
11) T n-Heneicosane (C21)	13.192	2125396	19.626 ug/ml
13) T n-Docosane (C22)	13.777	2069626	19.318 ug/ml
14) T n-Tetracosane (C24)	14.877	2008254	18.551 ug/ml
15) T n-Hexacosane (C26)	15.895	1910557	17.937 ug/ml
16) T n-Octacosane (C28)	16.841	1839897	17.249 ug/ml
17) T n-Tricontane (C30)	17.725	1811865	16.999 ug/ml
18) T n-Dotriacontane (C32)	18.555	1790729	16.977 ug/mlm
19) T n-Tetratriacontane (C34)	19.334	1857438	17.879 ug/ml
20) T n-Hexatriacontane (C36)	20.070	1808589	17.906 ug/mlm
21) T n-Octatriacontane (C38)	20.801	1691681	18.429 ug/ml
22) T n-Tetracontane (C40)	21.709	1877411	20.841 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112321AL\
Data File : FC057060.D
Signal(s) : FID1A.CH
Acq On : 24 Nov 2021 12:53
Operator : AJ\MA
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

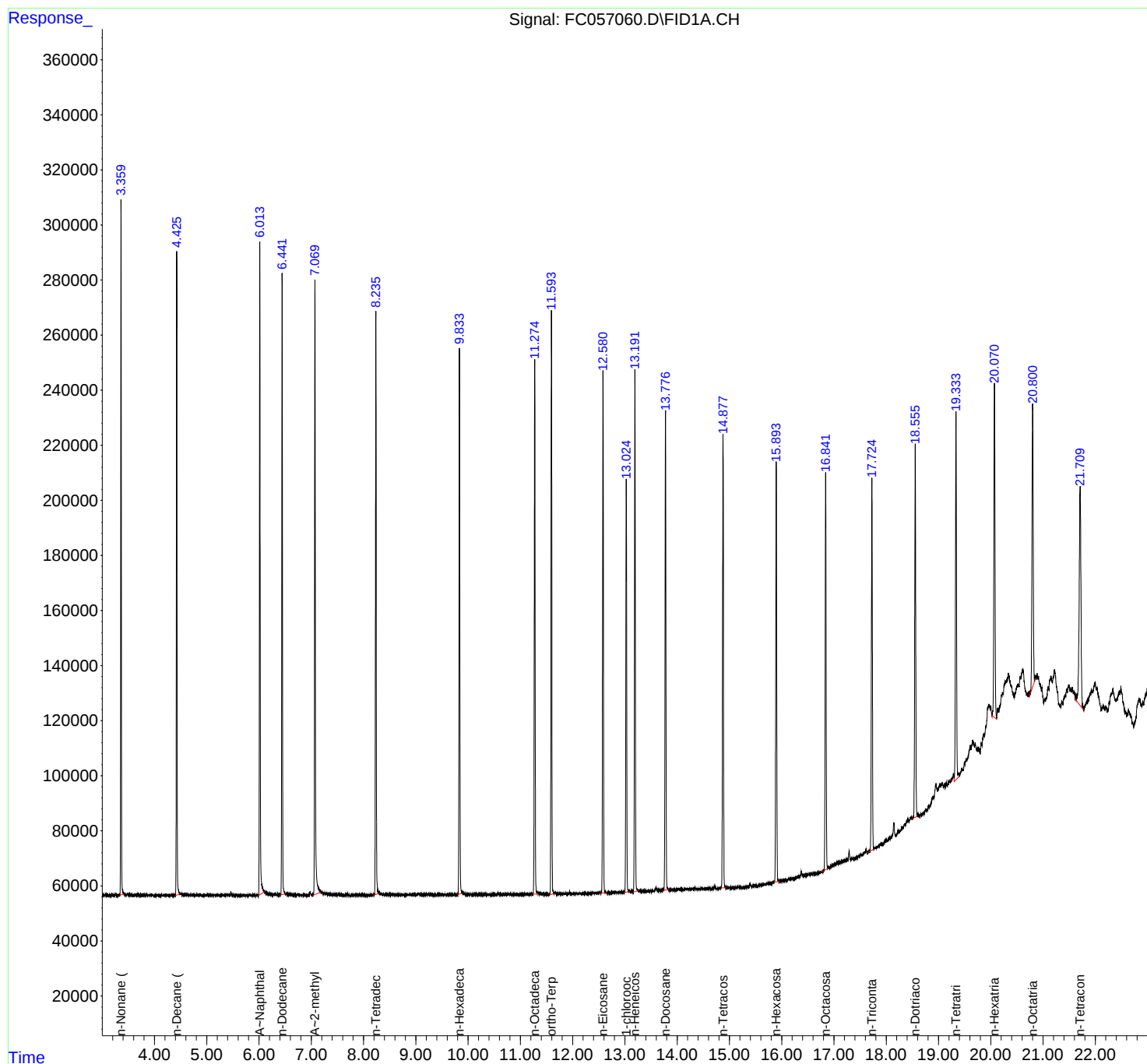
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

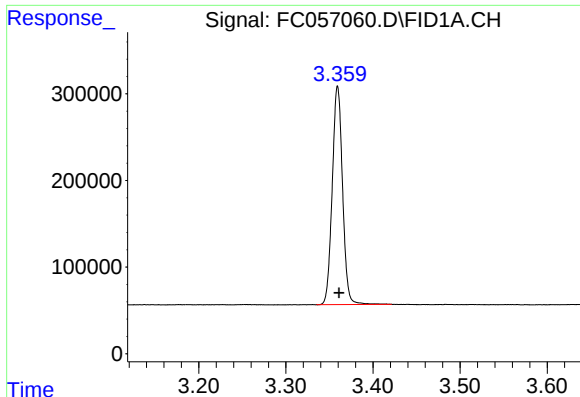
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 11/24/2021
Supervised By :mohammad ahmed 11/24/2021

Integration File: autoint1.e
Quant Time: Nov 24 13:21:11 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111921.M
Quant Title : GC Extractables
QLast Update : Fri Nov 19 00:52:49 2021
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





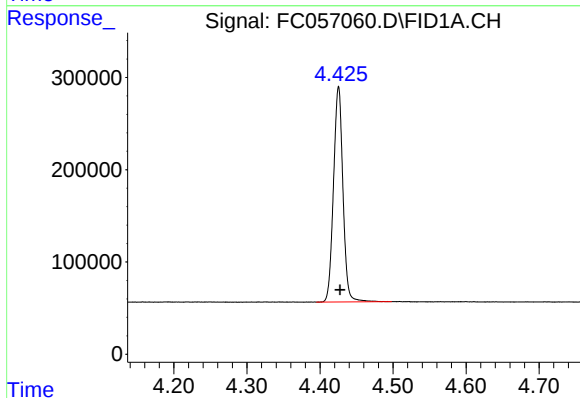
#1 n-Nonane (C9)

R.T.: 3.359 min
Delta R.T.: -0.002 min
Response: 2077228
Conc: 20.50 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

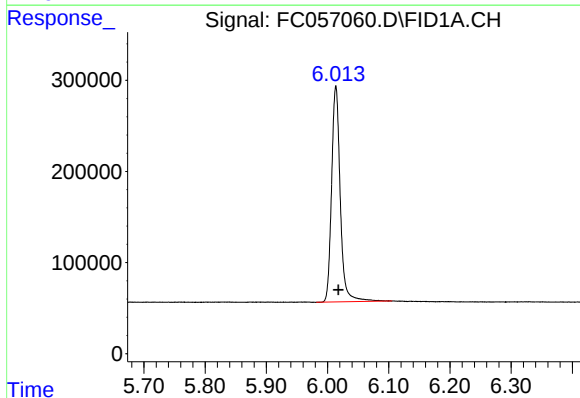
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 11/24/2021
Supervised By :mohammad ahmed 11/24/2021



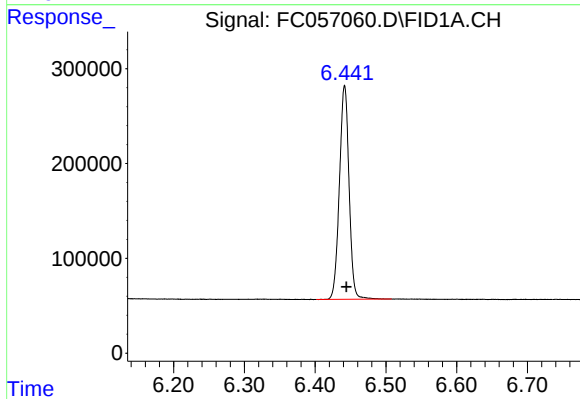
#2 n-Decane (C10)

R.T.: 4.425 min
Delta R.T.: -0.002 min
Response: 2095955
Conc: 20.93 ug/ml



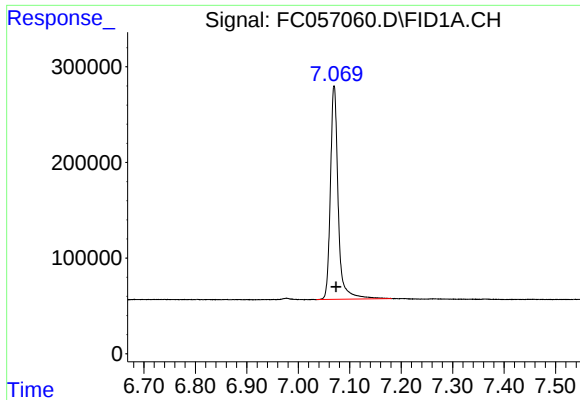
#3 A~Naphthalene (C11.7)

R.T.: 6.014 min
Delta R.T.: -0.004 min
Response: 2331786
Conc: 20.88 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.442 min
Delta R.T.: -0.003 min
Response: 2133005
Conc: 21.04 ug/ml



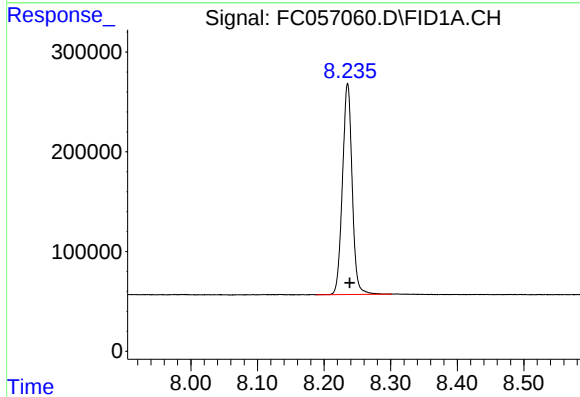
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.070 min
Delta R.T.: -0.004 min
Response: 2353061
Conc: 21.34 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

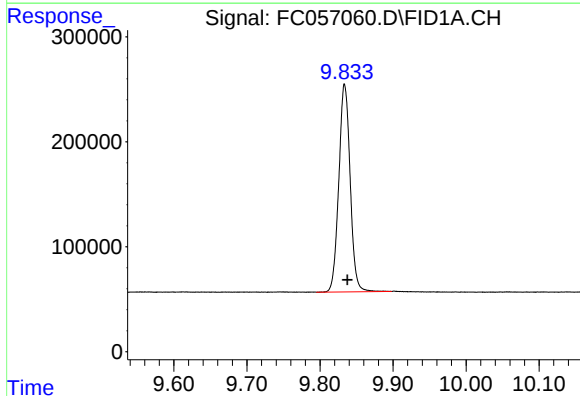
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 11/24/2021
Supervised By :mohammad ahmed 11/24/2021



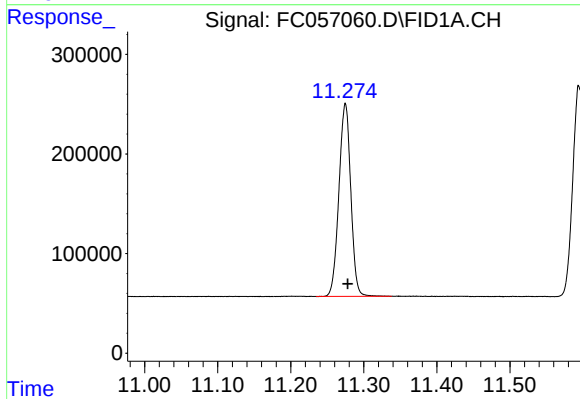
#6 n-Tetradecane (C14)

R.T.: 8.235 min
Delta R.T.: -0.004 min
Response: 2139856
Conc: 21.12 ug/ml



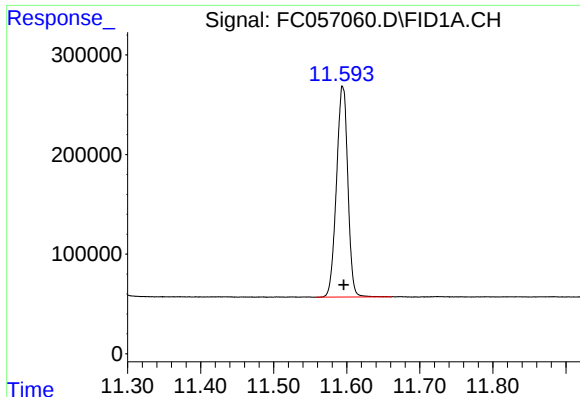
#7 n-Hexadecane (C16)

R.T.: 9.834 min
Delta R.T.: -0.004 min
Response: 2135696
Conc: 20.81 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.275 min
Delta R.T.: -0.003 min
Response: 2186354
Conc: 20.41 ug/ml



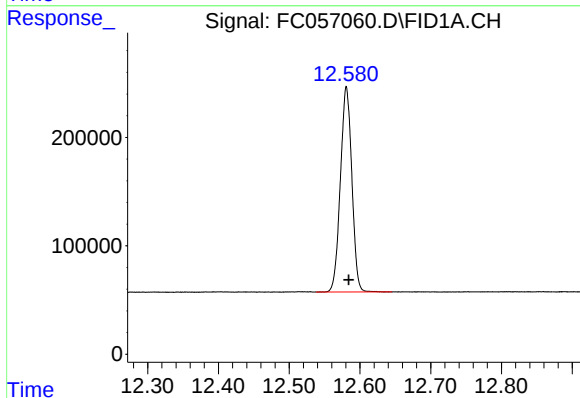
#9 ortho-Terphenyl (SURR)

R.T.: 11.594 min
Delta R.T.: -0.001 min
Response: 2284184
Conc: 19.68 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

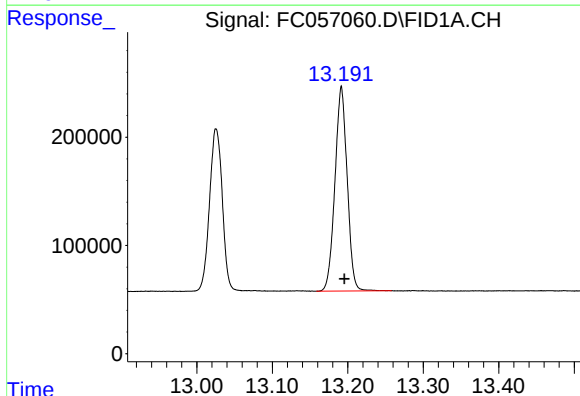
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 11/24/2021
Supervised By :mohammad ahmed 11/24/2021



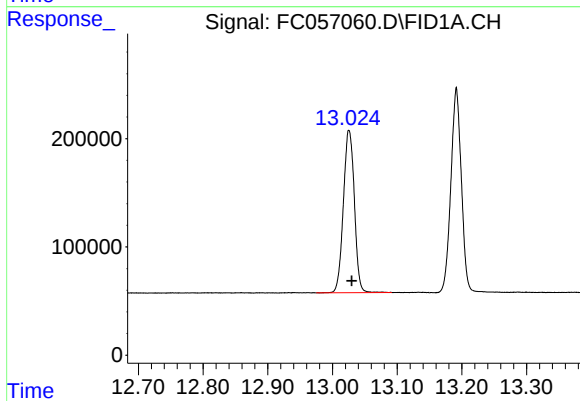
#10 n-Eicosane (C20)

R.T.: 12.581 min
Delta R.T.: -0.003 min
Response: 2126307
Conc: 19.88 ug/ml



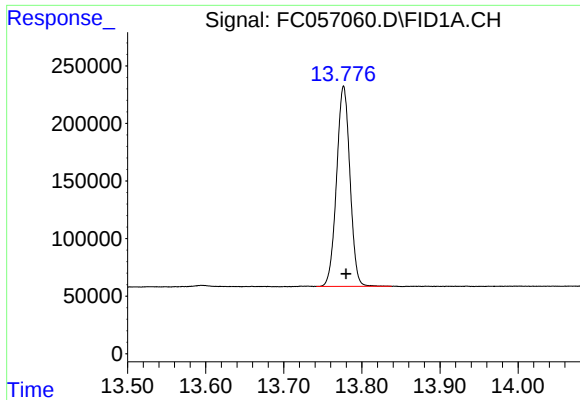
#11 n-Heneicosane (C21)

R.T.: 13.192 min
Delta R.T.: -0.004 min
Response: 2125396
Conc: 19.63 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.026 min
Delta R.T.: -0.004 min
Response: 1769274
Conc: 19.43 ug/ml



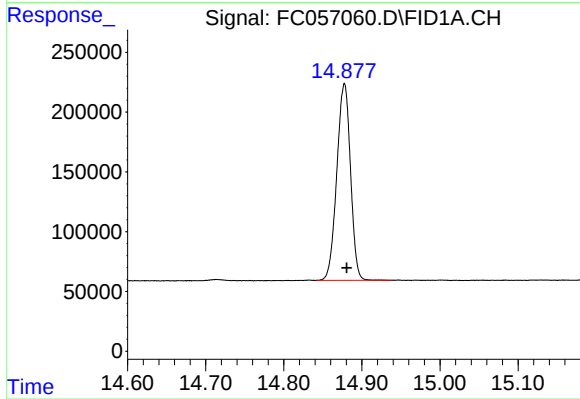
#13 n-Docosane (C22)

R.T.: 13.777 min
Delta R.T.: -0.003 min
Response: 2069626
Conc: 19.32 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

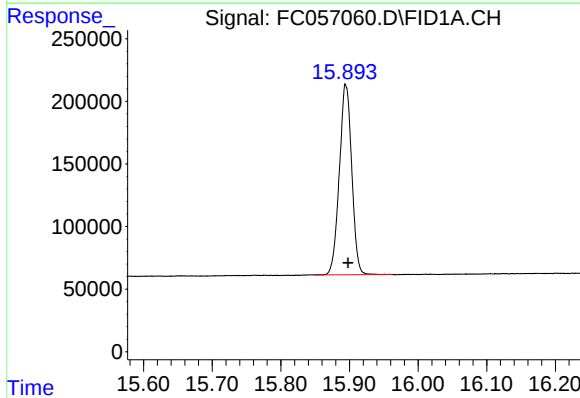
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 11/24/2021
Supervised By :mohammad ahmed 11/24/2021



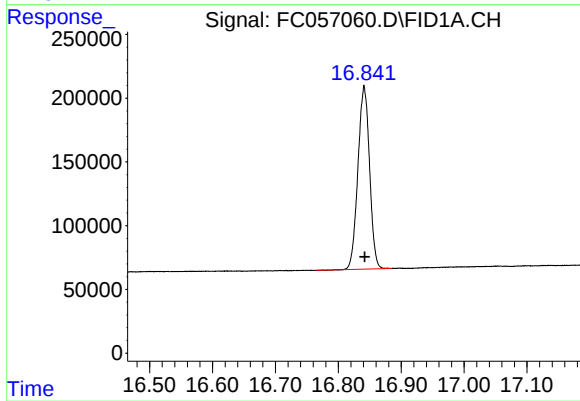
#14 n-Tetracosane (C24)

R.T.: 14.877 min
Delta R.T.: -0.003 min
Response: 2008254
Conc: 18.55 ug/ml



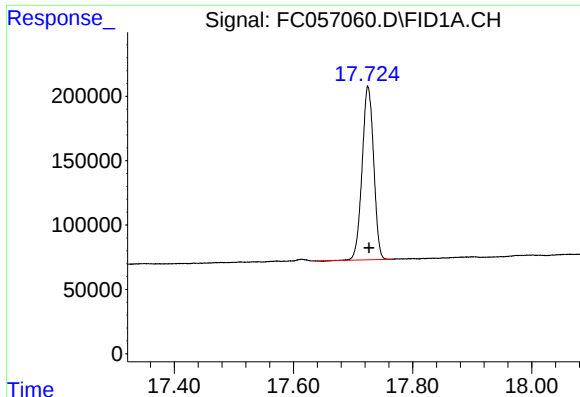
#15 n-Hexacosane (C26)

R.T.: 15.895 min
Delta R.T.: -0.003 min
Response: 1910557
Conc: 17.94 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.841 min
Delta R.T.: -0.001 min
Response: 1839897
Conc: 17.25 ug/ml



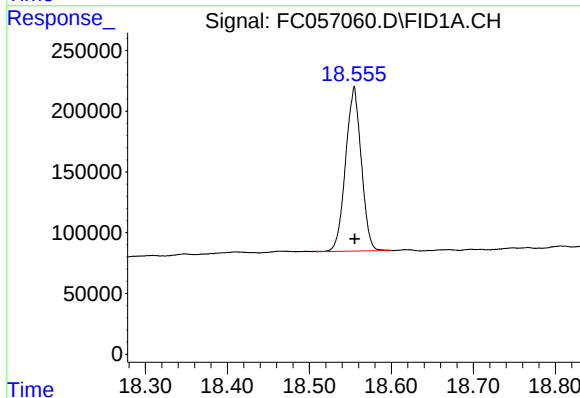
#17 n-Tricontane (C30)

R.T.: 17.725 min
Delta R.T.: -0.002 min
Response: 1811865
Conc: 17.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

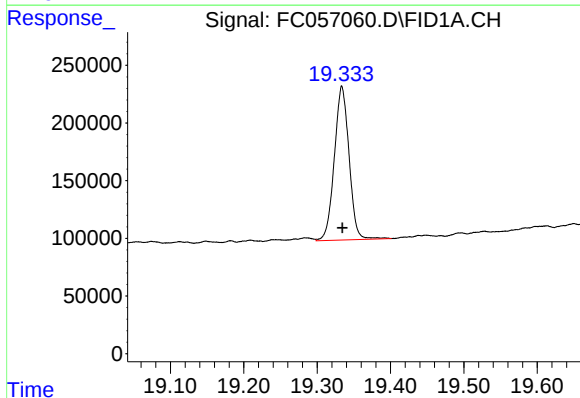
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 11/24/2021
Supervised By :mohammad ahmed 11/24/2021



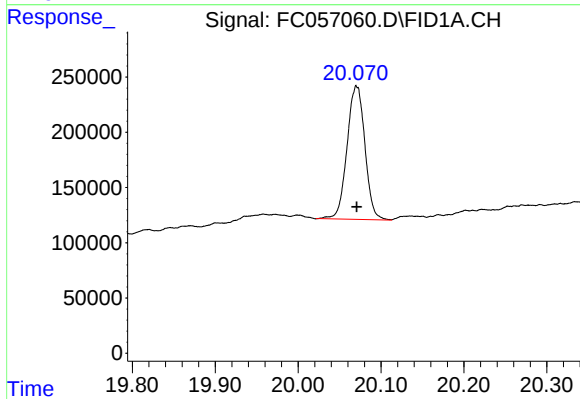
#18 n-Dotriacontane (C32)

R.T.: 18.555 min
Delta R.T.: 0.000 min
Response: 1790729
Conc: 16.98 ug/ml m



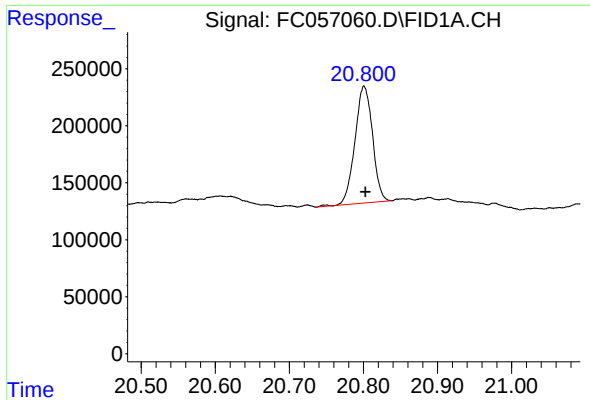
#19 n-Tetratriacontane (C34)

R.T.: 19.334 min
Delta R.T.: 0.000 min
Response: 1857438
Conc: 17.88 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.070 min
Delta R.T.: 0.000 min
Response: 1808589
Conc: 17.91 ug/ml m



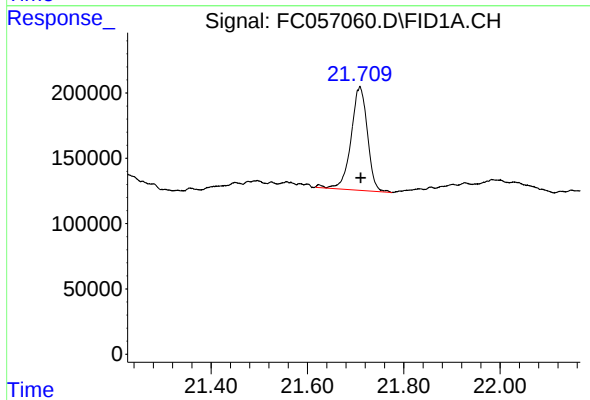
#21 n-Octatriacontane (C38)

R.T.: 20.801 min
Delta R.T.: -0.002 min
Response: 1691681
Conc: 18.43 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 11/24/2021
Supervised By :mohammad ahmed 11/24/2021



#22 n-Tetracontane (C40)

R.T.: 21.709 min
Delta R.T.: -0.002 min
Response: 1877411
Conc: 20.84 ug/ml